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STATE NORMAL SCHOOL,

WESTFIELD, MASS.

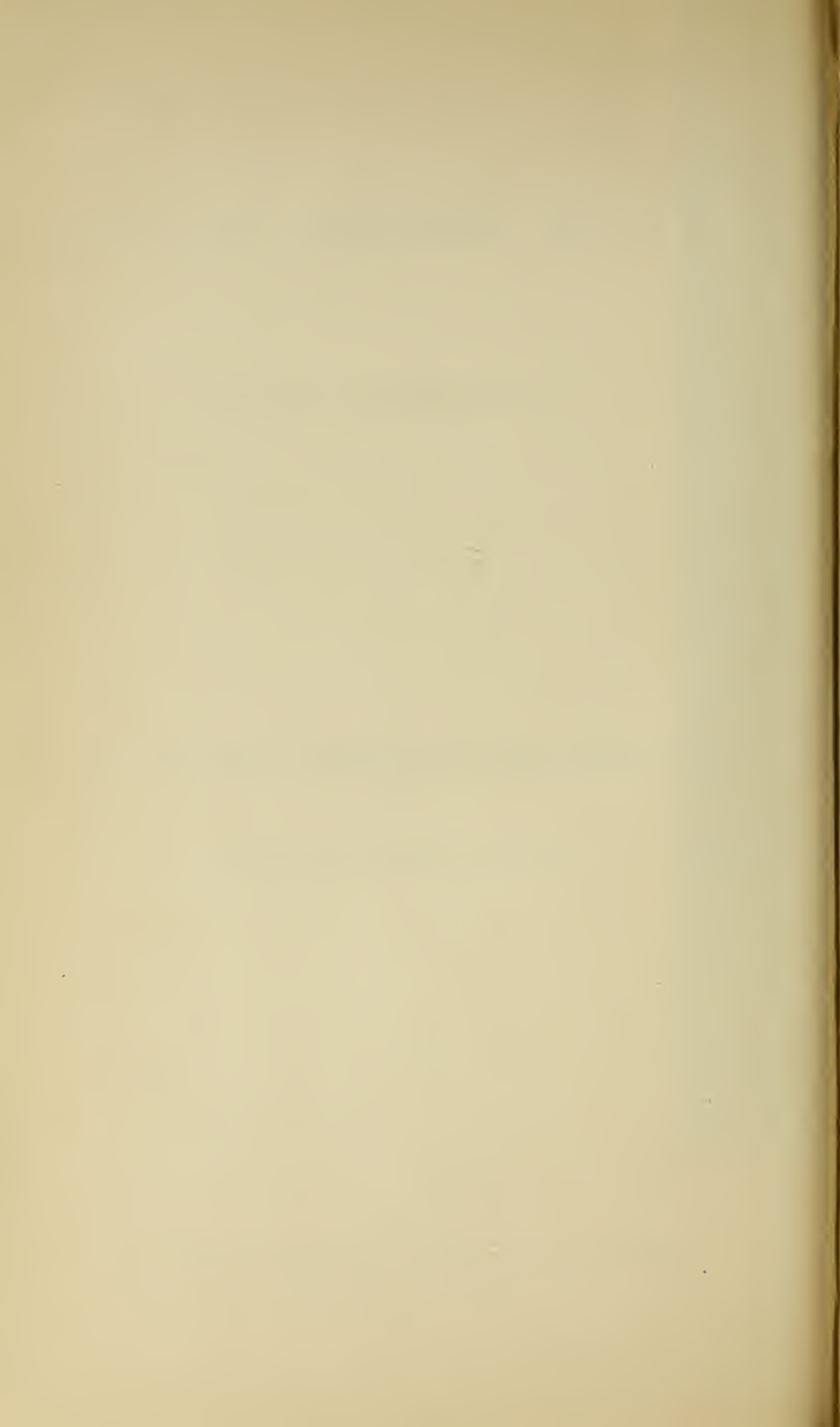
CATALOGUE AND CIRCULAR.

FORTY-FOURTH YEAR, 1882-83.

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1883.



STATE BOARD OF EDUCATION.

ESTABLISHED IN 1837.

HIS EXCELLENCY BENJAMIN F. BUTLER.

HIS HONOR OLIVER AMES.

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ADMIRAL P. STONE, LL.D. . . Springfield .	May 25, 1887.
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HON. M. B. WHITNEY . . . Westfield .	May 25, 1889.
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ADVANCED COURSE.

LADIES.

NAMES.	RESIDENCES.
Annie P. Emerson,	Hanover, N. H.
Lottie E. Pettis,	Westfield
Maude A. Redwood,	Lawrence
Bella H. Stevens,	Westfield
Eva L. Tower,	Montague
Martha L. Waterman,	Westfield

GENTLEMEN.

Auren J. Whitney,	South Gardner
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GRADUATES.

WINTER TERM.

LADIES.

Angie E. Bardin,	Dalton
Maria L. Burr,	Holyoke
Emily T. Harding,	Norfolk, Conn.
Caroline K. Knowles,	Westfield
Margaret T. Mills,	Springfield
Lottie M. Reed,	Springfield
Hattie A. P. Roth,	Hinsdale
Nettie M. Stevens,†	Westford

GENTLEMEN.

Almon W. Couch,	Lawrence
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SUMMER TERM.

LADIES.

Ella F. Clark,	Sheffield
Mary E. Cobb,	Florence
Esther H. Cross,	Greenfield
Katherine C. Donoghue,	Holyoke

† From advanced course.

NAMES.	RESIDENCES.
Kate F. Gibbs,	Westfield
Marion I. Hayward,	Ayer
Jessie E. Hinds,	Hempstead, L. I.
Gertrude E. Howes,	Westfield
May D. Ingalls	Cheshire
Fannie S. Lowrey,	North Egremont
Mrs. S. B. Lowrey,	Westfield
B. Regina Mann,	Holyoke
Jennie A. Morrow,	Pittsfield
Anna M. Murphy,	West Springfield
Isabella P. Noble,	East Saginaw, Mich.
Elizabeth Sessions,	Westfield
Evangeline Smith,	Becket
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James S. Phillips,	Millville
Charles H. Sears,†	Brewster

* Tuition paid; released from obligation to teach.

† From advanced course.

SENIOR CLASS.

LADIES.

Helen L. Burroughs.	Westfield
Eliza B. Howes,	Westfield
Florence B. Humpage,	Springfield
Anna S. Low,	Westfield
Alice B. Miner,	West Leyden
Helen E. Tilton,	South Deerfield

MIDDLE CLASS.

LADIES.

Annie A. Bourne,	Lenox
Minnie E. Bourne,	Lenox
Ida Brady,	Westfield
Harriet F. Brooks,	North Adams

NAMES.	RESIDENCES.
Lillian A. Brown	Brightwood
Bertha M. Carr,	Whitinsville
Carrie M. Church,	South Hadley
Sarah J. Dawley,	Whitinsville
Sara E. Dean,	High Bridge, N. J.
Julia Dewey	Sheffield
Anna M. Downey,	East Granville
Ella J. Downey,	East Granville
Emma N. Ely	Chicopee
Anna E. Farrell,	Westfield
Mary G. Freeman,	Mill River
Lizzie E. Gale,	South Royalston
Mrs. N. R. Gilbert,	Chicopee Falls
Claribel Hitchcock,	Gilbertville
Annie A. Hoafmyre,	Stockbridge
Hattie A. Holcomb,	Westfield
Annie Hollister,	Westfield
Louise S. Humphrey,	Westfield
Etta L. Johnson,	Tyringham
Mary B. Judd,	Springfield
Mary E. Lawley,	Williamsburg
Alice Lee,	Sheffield
Katharine A. Mahoney,	South Holyoke
Deborah A. Marden,	Holyoke
Annie E. McClintock,	Indian Orchard
Carrie B. Miller,	North Chester
Libbie M. Miner,	Monterey
Eloise Noble,	Sheffield
Mary O'Connell,	Holyoke
Ada M. Russell,	Bond's Village
Myrta Sanderson,	Brightwood
Blanche Snyder,	North Adams
Alice M. Walkley,	Westfield
Grace G. Thompson,	Westfield

JUNIOR CLASS.

LADIES.

Ida M. Allen,	Westfield
Bessie M. Bacon,	Sheffield
Julia M. Bardwell,	Montague
Mabel J. Barney,	Chester, Vt.
Anna C. Bartlett,	Conway
Mary E. Baxter,	Westfield

NAMES.	RESIDENCES.
Maud M. Brown,	Holyoke
Mary E. Campbell,	Westfield
Lizzie A. Chapin,	Holyoke
Luella M. Cook,	Sheffield
Alice G. Crawford,	Boston
Annie L. Dalton,	Hadley
Jeannette S. Dickinson,	Westfield
Mary L. Fisk,	Huntington
Mattie Hartwell,	Westfield
Cora B. Hubbard,	Chesterfield, N. H.
Agnes Lauder,	New Lebanon, N. H.
Minnie M. Learned,	Florence
Ida M. Lee,	Huntington
Nellie L. Maher,	Springfield
Bridget McCarthy,	South Williamstown
Lizzie E. Nichols,	West Springfield
Lizzie M. O'Neill,	Holyoke
Nellie D. Parker,	Medfield
Lillian A. Potts,	South Egremont
Jessie A. Rice,	North Hadley
Ella F. Shumway,	Northampton
Jennie Slater,	Tyringham
Jessie Slater,	Tyringham
L. Nellie Sullivan,	South Hadley Falls
Kate L. Webb,	Westfield
Carrie B. Wright,	North Hadley

GENTLEMEN.

Samuel E. Courtney,	Malden, W. Va.
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PUPILS

PURSUING SOME OF THE STUDIES OF ADVANCED COURSE.

LADIES.

Mary E. Baxter,	Westfield
Annie A. Bourne,	Lenox
Minnie E. Bourne,	Lenox
Ida Brady,	Westfield
Helen L. Burroughs,	Westfield
Bertha Carr,	Whitinsville
Ella F. Clark,	Sheffield
Mary E. Cobb,	Florence

STATE NORMAL SCHOOL, WESTFIELD.

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NAMES.	RESIDENCES.
Esther H. Cross,	Greenfield
Jeannette Dickinson,	Westfield
Katherine C. Donoghue,	Holyoke
Mary G. Freeman,	Mill River
Kate F. Gibbs,	Westfield
Jessie E. Hinds,	Hempstead, L. I.
Gertrude E. Howes,	Westfield
May D. Ingalls,	Cheshire
Anna S. Low,	Westfield
Deborah A. Marden,	Holyoke
Alice B. Miner,	West Leyden
Jennie A. Morrow,	Pittsfield
Anna M. Murphy,	West Springfield
Isabella P. Noble,	East Saginaw, Mich.
Jessie A. Rice,	North Hadley
Hattie A. P. Roth,	Hinsdale
Elizabeth Sessions,	Westfield
Evangeline Smith,	Becket
Helen E. Tilton,	South Deerfield

GENTLEMEN.

George S. Ewins,	Salem, N. H.
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SPECIAL PUPILS.

LADIES.

Lizzie E. Barney,	Westfield
Hattie Chapin,	Westfield
Alice E. Dickinson,	Hadley
Reatha J. Hadley,	Westfield
Elizabeth M. Hooker,	Westfield
Harriet F. Kimbro,	Nashville, Tenn.
Jeannie Loomis,	Westfield
Elizabeth H. Miller,	West Springfield
Belle Mattoon,	Westfield
Anna V. Moore,	Westfield
Helen C. Osborne,	Alford
Annie L. Rowe,	Westfield
Alice M. Stebbins,	Deerfield
Martha H. Sterns,	Westfield
Hattie M. Whipple,	New Salem

GENTLEMEN.

Harry S. Miller,	West Springfield
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SUMMARY.

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WESTFIELD NORMAL SCHOOL.

THIS institution was established by the Commonwealth of Massachusetts in September, 1839. With a single exception, it is the oldest normal school in America. Up to the present time, three thousand one hundred and eleven have been admitted to the school. Since 1855, the date of the first formal graduations, one thousand and thirty-five have received diplomas upon the completion of the prescribed course of study.

CONDITIONS OF MEMBERSHIP.

Applicants for admission to the school must be at least sixteen years of age (if males, seventeen); must present a certificate of good moral character; must pledge themselves to complete the course, if possible, and afterwards to teach in the public schools of Massachusetts;¹ and must pass a satisfactory examination in reading, spelling, writing, arithmetic, geography, English grammar, and the history of the United States. To illustrate the scope of the examinations, the questions used at the beginning of the year are given at the end of this circular. Higher attainments and a more mature age than those prescribed render the training of the school much more profitable.

AIMS AND METHODS OF STUDY AND TRAINING.

The ends to be secured by a course of study and practice in the normal schools are a knowledge of the principles and methods of teaching, skill in the art of teaching, and the general development of the mental powers.

All the studies are conducted upon the topical plan, and with especial reference to the best ways of teaching them. From the first, the pupils frequently occupy the place of teacher of their classmates, and are subjected to their criticisms, as well as to those of their regular teachers.

THE DESIGN OF THE SCHOOL, AND COURSES OF STUDY.

The Board of Education, by a vote passed May 6, 1880, stated the design and the course of studies for the State normal schools as follows:—

“The *design* of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing, and teaching the public schools of the Commonwealth.

¹ Persons intending to teach in other States, or in private schools, are admitted on payment of fifteen dollars a term for tuition.

"To this end, there must be the most thorough knowledge,—*first*, of the branches of learning required to be taught in the schools; *second*, of the best methods of teaching those branches; and, *third*, of right mental training.

"The time of one course extends through a period of two years, of the other through a period of four years, and is divided into terms of twenty weeks each, with daily sessions of not less than five hours, five days each week."

STUDIES.

TWO-YEARS' COURSE.—Arithmetic, algebra, geometry, book-keeping.

Physics, astronomy, chemistry, physiology, botany, zoölogy, mineralogy, geology, geography.

Language, reading, orthography, etymology, grammar, rhetoric, literature, composition.

Penmanship, drawing, vocal music, gymnastics.

Psychology, science and art of education, school organization, history of education.

Civil polity of Massachusetts and of the United States, history, school laws of Massachusetts.

FOUR-YEARS' COURSE.—In addition to the studies named above, the four years' course includes advanced algebra and geometry, trigonometry and surveying.

Advanced chemistry, physics, and botany.

Drawing, English literature, general history.

Latin and French required; German and Greek as the Principal and Visitors of the school shall decide.

The above is an enumeration of the studies. The order of the studies in the course is determined by the Principal of each school, with the approval of the Visitors of that school.

The present order and scope of studies in the two-years' course in the Westfield School may be gathered from the following brief outline:—

FIRST TERM.—*Arithmetic*.—Notation, addition, subtraction, multiplication, and division of integral numbers, common fractional numbers, decimals, and compound denominate numbers, elementary course, practical work. *Geometry*.—First four books of Loomis's Geometry, or their equivalent. *Physiology*.—General outline of subject; anatomy, physiology, and hygiene of digestive organs, including classification of food-stuffs, and methods of preparing food; anatomy, physiology, and hygiene of circulatory and respiratory organs; animal heat,—its nature, source, distribution, regulation, etc.; clothing,—use, qualities desirable in, qualities of common materials, how to dress hygienically, etc. Anatomy is taught from anatomical preparations of organs of the human body, and physiology, as far as possible, by observing organs of other animals in action. *Physics*.—Physical properties of matter; definition and enumeration of forces; effects of gravitation, including pressures of liquids and gases, with consequences and applications; electricity, especial attention being given to elementary phe-

nomena and to practical applications: machines, or means of applying force. In this subject everything is taught experimentally, pupils being required, as far possible, to perform all important experiments for themselves. *Vocal Music*.—Rhythmics, melodics, dynamics, sight-singing, elementary course. *Composition*.—Capitals, punctuation, letter-writing, business-forms, language-lessons. *Drawing*.—Freehand drawing on blackboard, from dictation, of combinations of straight lines and curved; drawing on paper from dictation: drawing from memory; elementary designs.

SECOND TERM.—*Arithmetic*.—Metric system taught by apparatus; percentage, and its application in commission, taxes, interest, banking, etc.; extraction of roots, with applications: mensuration: examples and problems in all subjects taught, to apply knowledge. Pupils are encouraged to seek information at the post-office, at lawyers' offices, banks, stores, and the teachers' desks, and thus to become familiar with the practical applications of arithmetic in the affairs of everyday life. *Grammar*.—Outline of subject; parts of expressions taught and named; words studied with reference to classification, properties, and construction; parsing and analysis of sentences. *Geography*.—Scientific study of the form, size, and motions of the earth; configuration and relief of the land-masses; atmospheric and oceanic movements; climate; plant and animal life, and especially man, including distribution of races, and all conditions affecting this distribution; religion, government, and whatever effects the civilization of the races. *Algebra*.—Usual topics preceding quadratics. *Drawing*.—Work of first term continued, drawing from the flat, geometrical drawing, perspective, model drawing, design. Drawing is *required* for only one year; but many continue the study for an additional term or two. For those who do this, the subjects are: model and cast drawing; shading of objects, models, and casts, in charcoal and stump; applied design; and freehand drawing from enlarged flats. *Composition*.—Paragraphing, compositions on subjects assigned, criticism in class and by class, spelling.

THIRD TERM.—*Geography* (six weeks).—Philosophic study of topics taken up in second term. *Rhetoric*.—Study of figurative language and qualities of style, with practical applications, followed by several weeks of composition-writing and criticism; study of the mind and its qualities, such as wit, humor, etc., the sensibilities, especially taste (under this, literary taste, sources of pleasure, and how to cultivate such a taste). *English Literature*.—History of language; life, style, and study of selections from the following authors, with some variations from term to term; Wicliffe, Chaucer, Cranmer, Spenser, Bacon, Shakspeare, Milton, Johnson, Whittier, Hawthorne, Lowell, Longfellow; reading (in addition) of "Idyls of the King," "Ivanhoe," "Henry VIII.," "Merchant of Venice," "Julius Cæsar," one book of "Paradise Lost," Macaulay's "Essays on Johnson," "Snow-bound," "Among the Hills," "Vision of St. Launfal," "Commemoration Ode," "The Old Manse," "Evangeline," "Courtship of Miles Standish." *United States History*.—Periods of discoveries; explorations; settlements and colonies, with the included wars; Revolution; Constitution; Civil War, and events following; collateral reading.

FOURTH TERM.—*Astronomy*.—Methods of describing position of heavenly bodies; refraction, parallax, and precession; classification of heavenly bodies; particular study of earth, sun, and moon; tides; eclipses; geography of celestial sphere. *Reading*.—Vocal culture, sight-reading, study of pieces, elementary course. *Chemistry*.—Chemical physics; inorganic chemistry, with laboratory practice by each pupil. *Theory and Art of Teaching*.—Including psychology in its relation to principles and methods of teaching; school organization and government; school laws of Massachusetts: several weeks of purely professional work in common English branches, with practice in teaching in public schools; civil polity.

Botany and geology are taught in the summer term, zoölogy and mineralogy in the winter, all with specimens in hand, and with field-work.

FOUR-YEARS' COURSE.

This course is intended to give pupils that broad culture indispensable to the highest success in schools of any grade, but especially to fit them for service as teachers in High Schools. The studies are so arranged, that graduates from the shorter course may complete the four-years' course in two additional years, or, if unable to remain so long in the school, they may profitably take one or two terms' work in addition to the two-years' course.

Graduates from this course are in special demand for the best positions.

EXAMINATIONS AND GRADUATIONS.

Entrance Examinations on the First Day of each Term.

Examinations, both oral and written, are made each term in every study; and the result in each must be satisfactory to enable the pupil to advance to the studies next in order. Only those pupils who have satisfactorily passed all the examinations in the prescribed course of study receive the diploma of the institution.

EMPLOYMENT OF GRADUATES. ETC.

The demand for graduates of this school is steadily and rapidly increasing. During the past two years it has been vastly greater than the supply. A noteworthy fact concerning this demand is the large increase in calls for teachers for positions of high grade. Great encouragement is thus given, to the best graduates of high schools desiring to teach, to take a course of professional training as the shortest, as well as in every respect the best, way to eminence in the profession.

LIBRARIES, APPARATUS, ETC.

Pupils have free access to valuable libraries of works for general reference and reading. Excellent apparatus is provided for the illustration of the more important principles in the natural sciences. Large and growing cabinets of mineral,

geological, and zoölogical specimens, are constantly used in teaching natural history.

A very convenient chemical laboratory has recently been fitted up for the use of pupils. In this, under competent supervision, students may perform for themselves the most important experiments, and thus acquire skill in manipulation, and a confidence obtainable in no other way.

The Art Room is handsomely fitted up, and provided with the best kind of furniture and instruments, affording excellent facilities for training in the various departments of drawing. A large number of the finest examples of casts, models, and flat copies, add greatly to the beauty of this room, and furnish a constant study of art to the members of the school.

DISCIPLINE.

Pupils are treated with confidence from the first; and, as far as may be, the government of the school is left in their hands. But nothing less than regular attendance, good behavior, and hearty allegiance to all the interests of the school, is accepted as a condition of membership. The work of the school cannot be acceptably done by those who do not make it their only occupation during their connection with the school.

Parents are earnestly advised not to encourage *any* absence from the school, except in vacations.

EXPENSES, AID, ETC.

Tuition is free to those complying with the condition of teaching in the public schools of Massachusetts, wherever they may have resided previously. A small fee (\$2) is paid by each pupil at the beginning of each term for incidental expenses.

Text-books required are furnished from the School Library without charge.

For cost of board, see under "Normal Hall."

To aid those students in the school who find it difficult to meet the expenses of the course, pecuniary aid is furnished by the State in sums varying according to the distance of their homes from Westfield, though never exceeding \$1.50 per week. But this aid is not furnished for the first term of attendance; and those who fail (through their own fault) to complete the course, or to teach in the public schools of Massachusetts, are required to refund whatever they may have received.

NORMAL HALL.

The State has erected and furnished for the school a very pleasant and commodious boarding-hall, which is accurately represented in the accompanying cut. The hall is under the charge of the principal. Most of the teachers board with the students, and no pains will be spared to make the hall a *home* for the pupils.

A very pleasant reading-room is provided for the daily use of the students. This room is supplied with several daily papers, the leading magazines, and a variety of other publications, scientific, educational, religious, and general.

The price of board is \$75 per term of twenty weeks, \$80 for gentlemen. \$40 must be paid in advance by each student at the beginning of the term, and \$35 at the middle of the term. The object of this payment in advance is to secure the purchase of supplies at wholesale cash prices, thereby saving to each boarder much more than the interest of the money advanced. *The price of board includes expense of light, heat, and washing.*

The rates given above are for those who have room-mates, and whose attendance is not less than ten weeks. Those who desire to room alone can generally be accommodated at an additional charge of 50 cents per week. Those who for any reason are members of the school for less than half of any term, are charged \$4 per week. Visitors can have good accommodations at \$1 per day or \$5 per week. Former members of the school will be allowed a discount of 10 per cent. from prices charged other visitors.

Each boarder is required to bring bedding, towels, napkins, a napkin-ring, and two clothes-bags. Each pupil will want ordinarily four pillow-cases, three sheets, and two blankets, or their equivalent. Ladies should provide themselves with slippers for in-door wear. *All articles sent to the laundry should be distinctly marked with the owner's name.*

GENERAL REMARKS.

THE Normal School is always open to the public. Parents and guardians of its pupils are especially invited to visit the school often, and learn by personal inspection what it attempts to do for its members.

A cordial invitation is extended to teachers and school committees to visit the school at their convenience. They will be welcome for a day, a week, or a month. *The school is not in session Mondays, but Saturdays instead.*

For catalogues, or for further information, apply to the Principal at Westfield.

WESTFIELD, MASS., June, 1883.

SCHOOL CALENDAR FOR 1883-1884.

Spring Term closes June 26, 1883.

VACATION, TEN WEEKS.

Fall Term begins Tuesday, Sept. 4, 1883.

Fall Term closes Tuesday, Jan. 22, 1884.

VACATION, THREE WEEKS.

Spring Term begins Tuesday, Feb. 12, 1884.

QUESTIONS USED AT ENTRANCE EXAMINATION,
AUG. 29, 1882.

(Questions furnished by State Board of Education)

ARITHMETIC.

1. Express by figures forty billion ten million four hundred, and five hundred-millionths.
2. From one tenth subtract one thousandth, multiply the remainder by one hundredth, and divide the product by one ten-thousandth
3. How many yards of plastering are required for the ceiling of a room $12\frac{1}{2}$ feet long and $11\frac{1}{4}$ feet wide?
4. From the sum of $\frac{5}{9}$ and $\frac{2}{3}$ subtract their difference.
5. Express decimally $\frac{4}{7}$ of $3\frac{1}{3}$.
6. What per cent. of $\frac{3}{4}$ is $\frac{2}{3}$?
7. What is the interest of \$375 for 3 years, 3 months and 3 days, at 3 per cent. per annum?
8. By selling cloth at \$3 per yard I gain 20 per cent.; what per cent. should I gain by selling at \$5 per yard?
9. I have a note for \$600, payable Oct. 4, 1882; what will be received on the note if discounted at the bank to-day, at 6 per cent.?
10. If it requires 804 men, working 12 days, to build a road, how many men would it require, working 9 days, to build it?
11. Make and receipt a bill for the following items: — 17,340 bricks at \$11.50 a thousand; 2,250 laths at 33 cents a hundred; 250 yards of cloth at \$1.50 a yard.
12. How many liters in 4 gals., 2 qts., 1 pt.?

GRAMMAR.

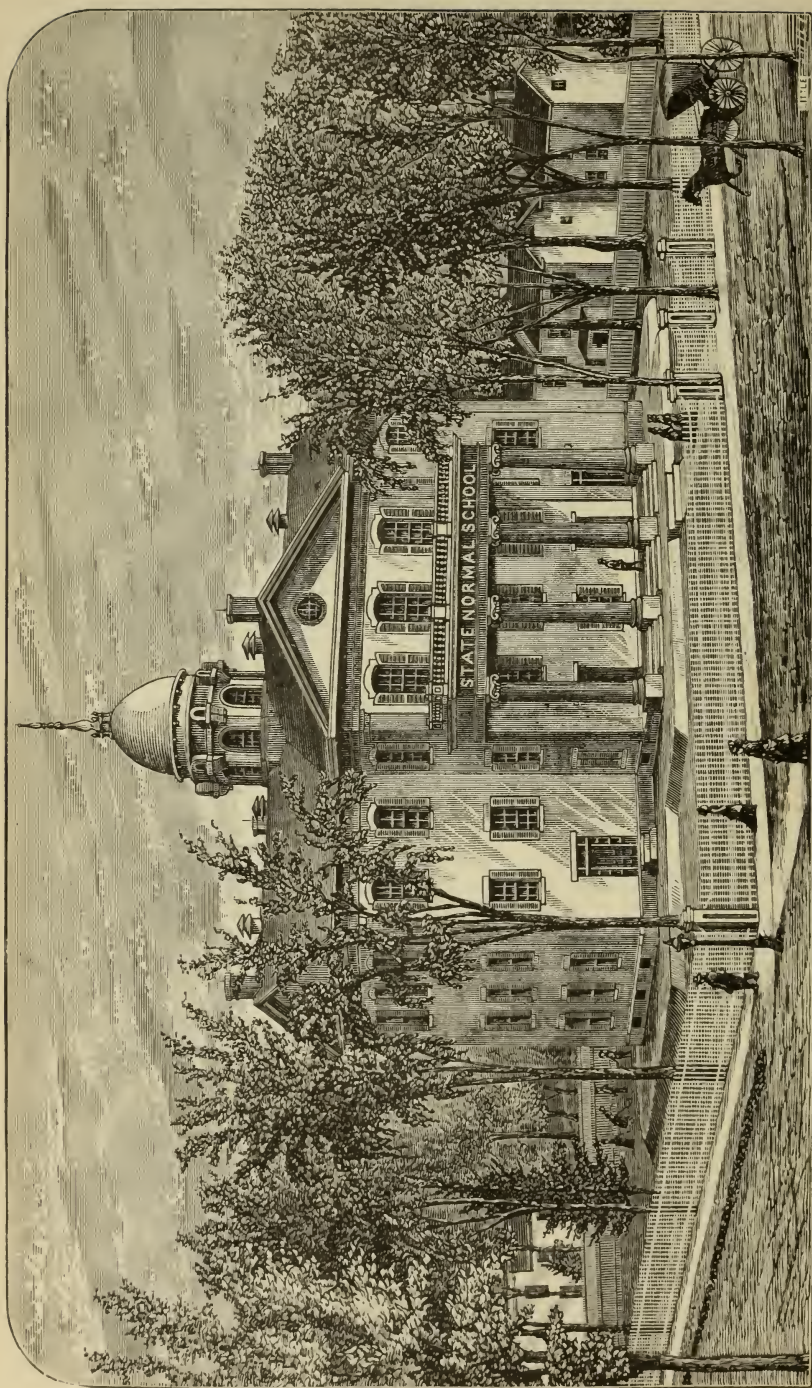
1. Define language.
2. Name the nine classes of words used in expressing our ideas and thoughts, and give an example of each class.
3. What are the properties that belong to these several classes?
4. Define noun; pronoun; adjective; verb; conjunction
5. Define the terms phrase, clause, and sentence.
6. Illustrate and define a simple sentence; a compound sentence; a complex sentence.
7. Write a sentence containing a clause used as the subject; also a clause used as the object of a transitive verb.
8. “Near yonder copse where once the garden smiled,
 And still where many a garden flower grows wild,
 There, where a few torn shrubs the place disclose,
 The village preacher's modest mansion rose.”
 - a.* What kind of sentence is the above?
 - b.* How many, and what kind of clauses does it contain?
 - c.* What does each dependent clause modify?
 - d.* What does the phrase “Near yonder copse” modify?
 - e.* What is the logical subject of the sentence?
 - f.* What is the logical predicate?
9. Correct the following expressions, if incorrect: —
 - a.* Neither he nor his father were in fault.
 - b.* Be that as it will, I cannot give my consent.
 - c.* Mankind resemble each other most in the beginnings of society.
 - d.* Such cloaks were in fashion five years since.
10. Punctuate the following: — The great rule says Lavater of moral conduct or ethics as it is styled by philosophers is to make the best use of ones time.

HISTORY.

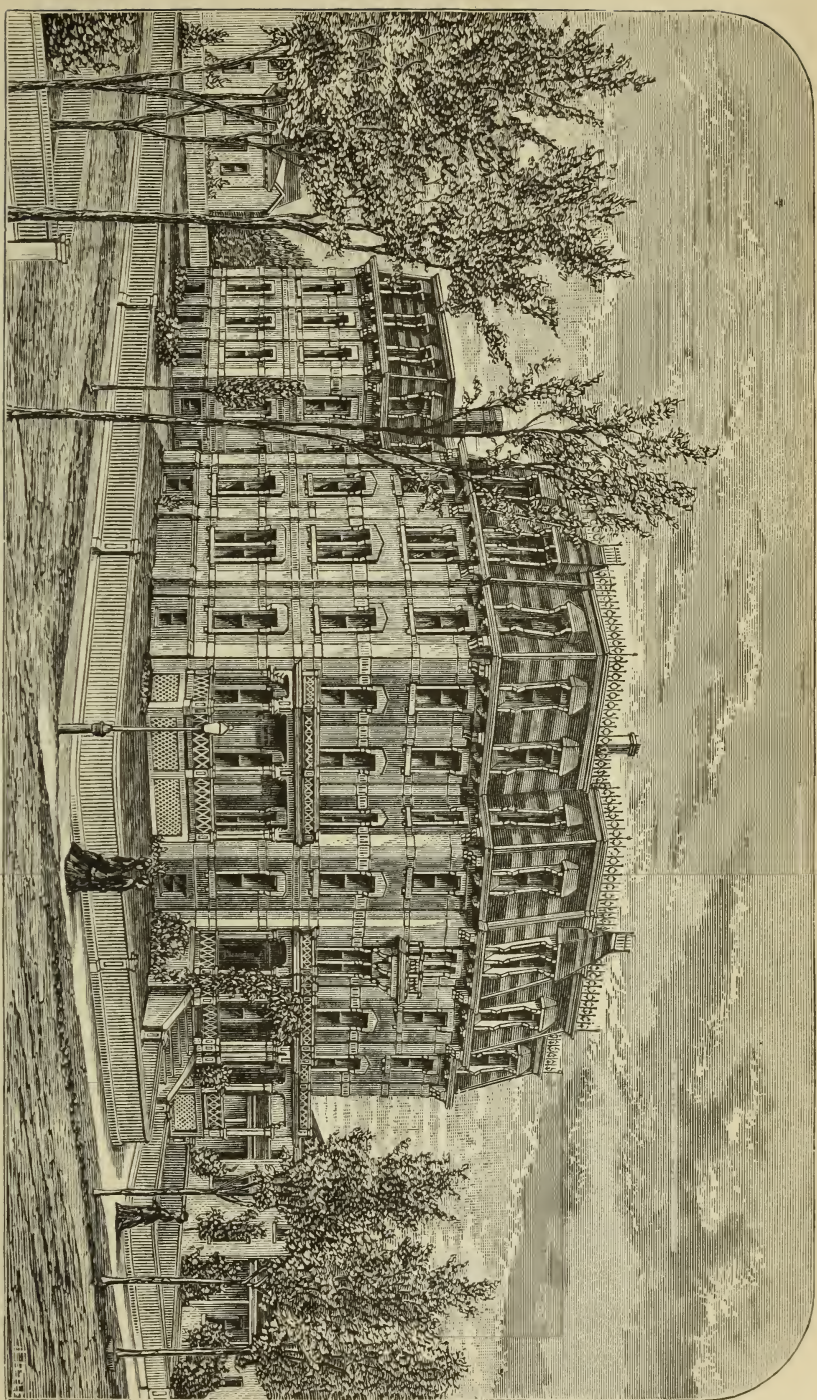
1. When and where was the first English settlement commenced in New England?
2. Why did the Pilgrims leave England?
3. Why did they leave Holland?
4. Give some account of the union of the New England Colonies in 1643.
5. What were the causes of King Philip's War?
6. What were the causes of the Revolutionary War?
7. Give a description of Burgoyne's Invasion.
8. When was the Constitution of the United States adopted, and by what States?
9. What were the boundaries of the territory of the Republic, at the close of the war of the Revolution, and what are the boundaries at the present time?
10. In what were the Articles of the Confederation inadequate to the wants of the Government?
11. State the leading events that occurred in the administration of the third president of the United States.
12. How was the State of Louisiana acquired by the United States? and what advantages were derived from the acquisition?
13. What were the causes that led to the Civil War?
14. Describe the battle of Vicksburg, and tell what was gained by it.

GEOGRAPHY.

1. What is latitude? longitude? How many degrees of each are reckoned, and in what direction?
2. In what direction does the earth rotate? and what is the effect of its rotation?
3. Describe the surface of the United States, naming its mountain-ranges, slopes, and river-basins.
4. Which of the United States lie partly or wholly north of the latitude of San Francisco?
5. Describe the route by water from Chicago to New York City.
6. Name the five most important cities in the United States; state where they are situated, and for what each is noted.
7. What is the difference in time between London and Boston?
8. What countries, seaports, and divisions of the sea would one pass in sailing from Liverpool to Constantinople, keeping all the time within sight of land?
9. State the situation of the cities of St. Louis, Cincinnati, Berlin, Havana, Moscow.
10. Draw a map of Massachusetts, or of your own State, and describe its surface. Name its principal rivers, and name its cities in the order of their size.



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